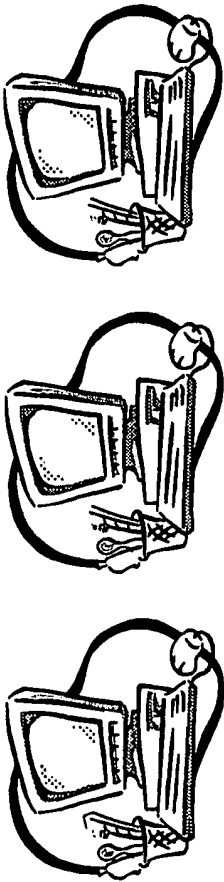


Figure 1

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5'	Industrial IT	HMI Navigation	
12	Asset Management Applications	Asset Optimization	
10	Virtual Asset Register (VAR)	Data consistency	
14	Middleware (EAI)	Data Exchange	
	GIS / NIS	CMMS	IT-systems
	SCADA EMS/DMS		
		3 a,b	4 a,b
		2, 2a,b	

Figure 2

Development stage	Customer value	Comment	Mapping
Step 3	Asset optimization	Lifecycle, utilization	CIM/XML
Step 2	Consistency	Add/delete objects consistently	Structure
	Data exchange	Consistent values, CIM model	Attribute
Step 1	Navigation	Context sensitive, IIT (Aspect Object)	Object

Figure 3
SUBSTITUTE SHEET (RULE 26)

4/19

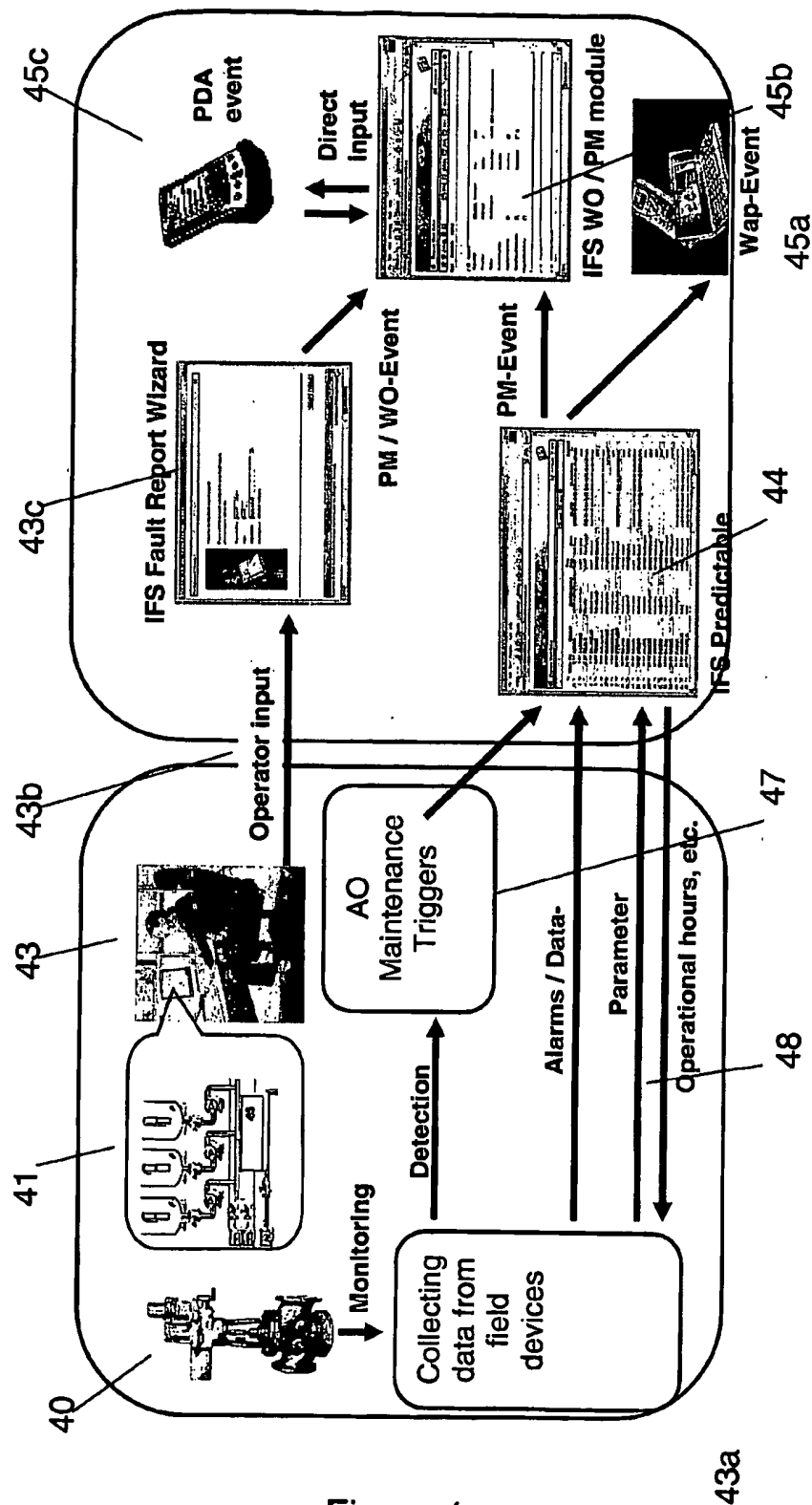
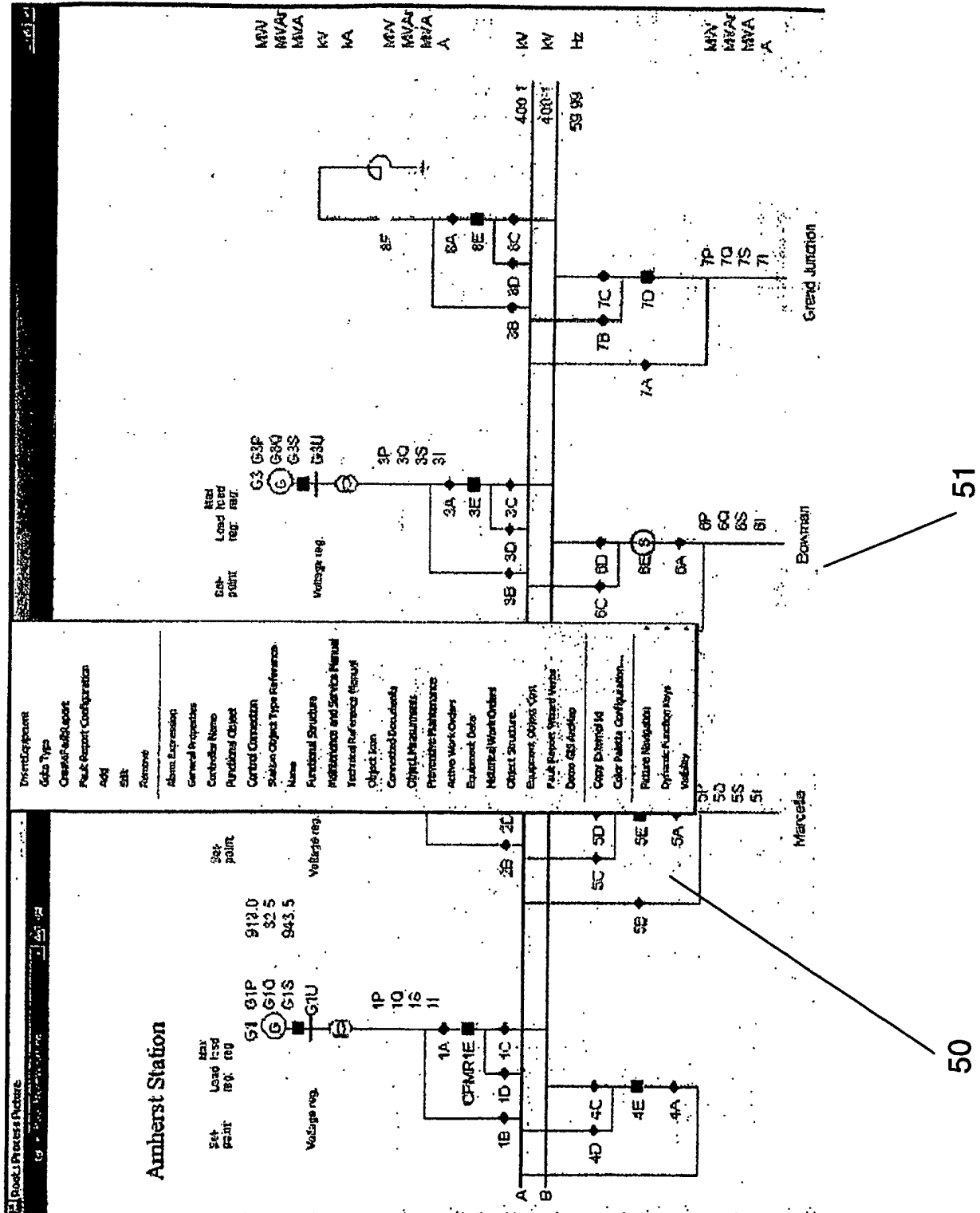


Figure 4

5/19



6/19

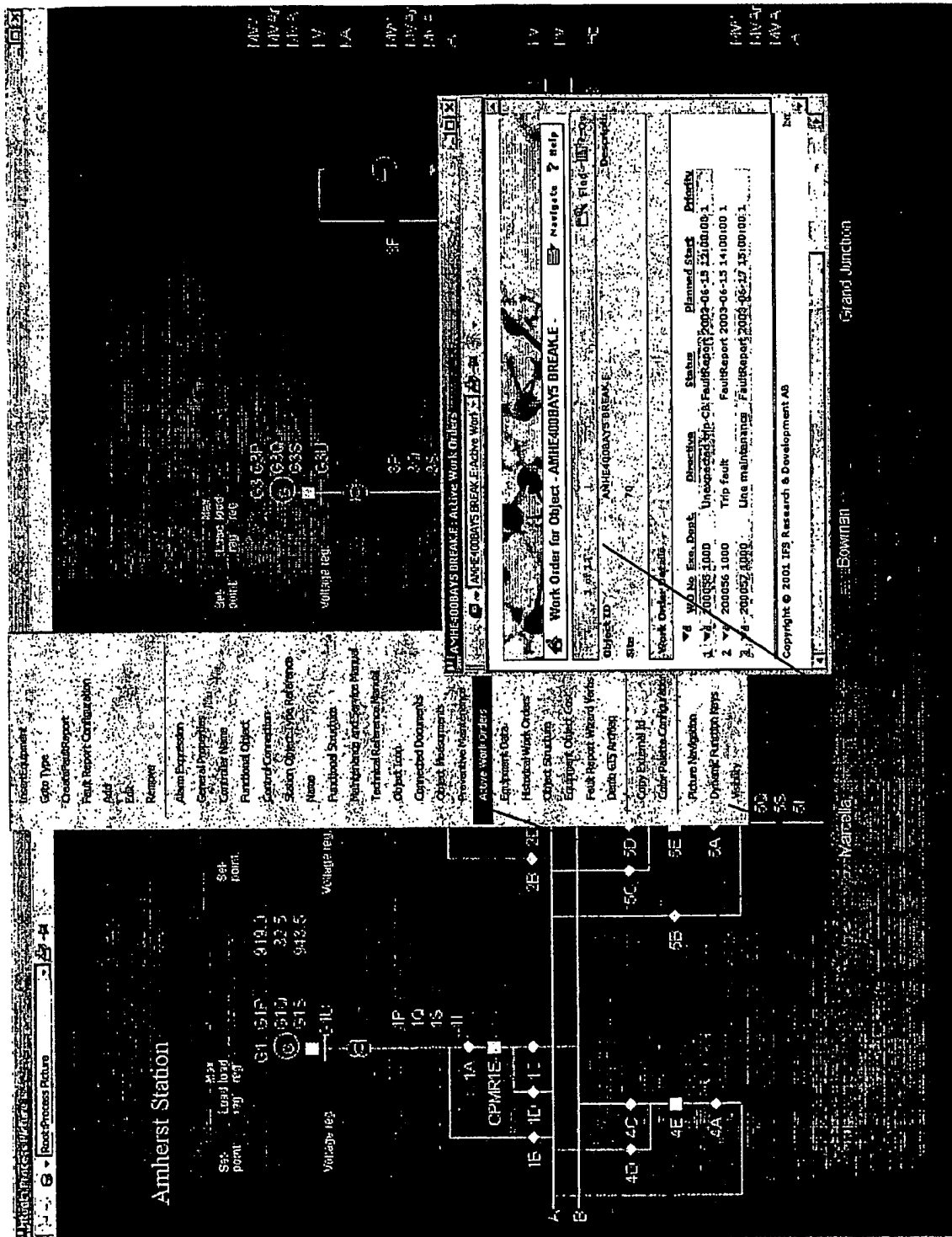


Figure 6
SUBSTITUTE SHEET (RULE 26)

50 51 52 53

Grand Junction

NEW

Wartella

100

7/19

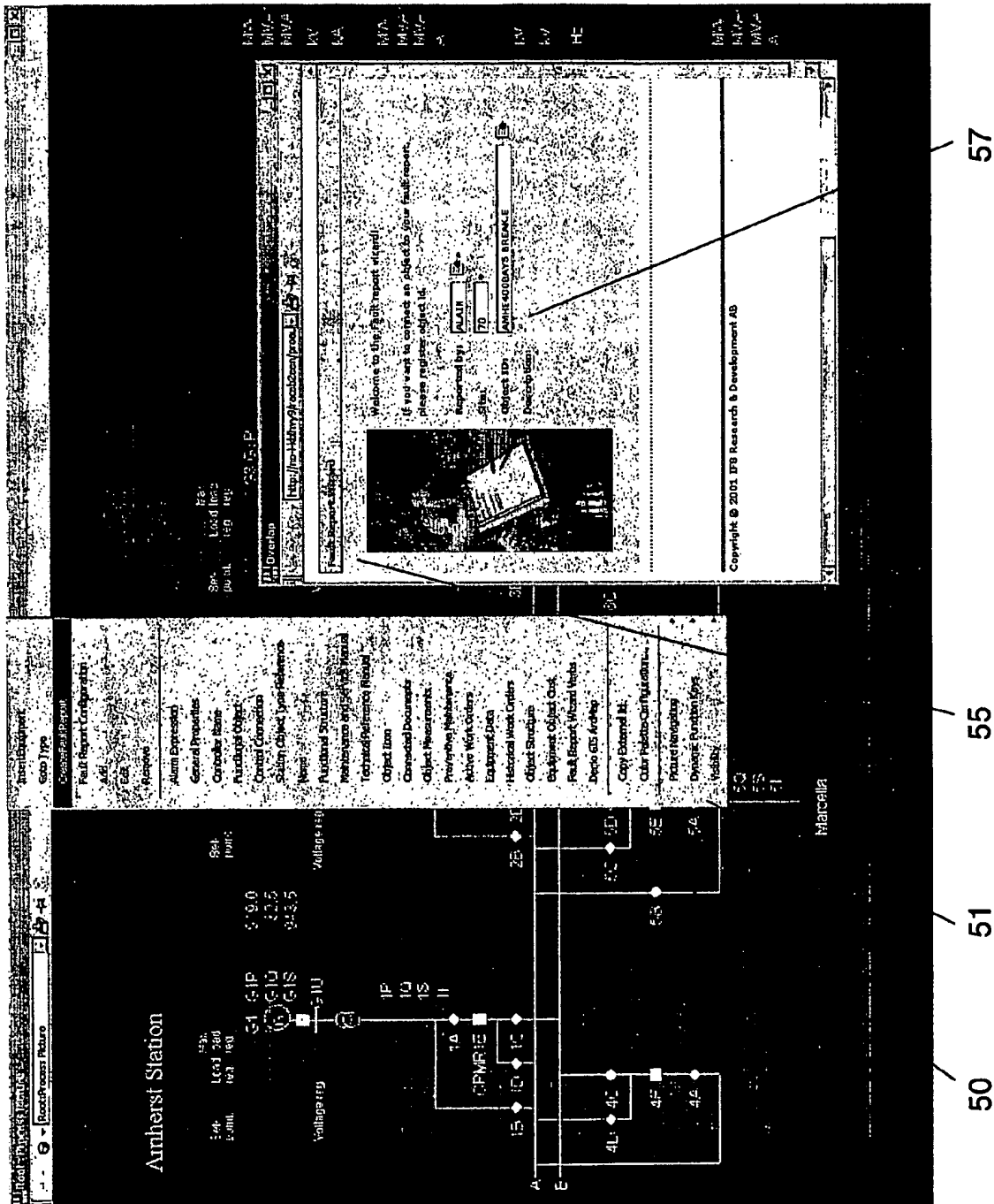


Figure 7
SUBSTITUTE SHEET (RULE 26)

8/19

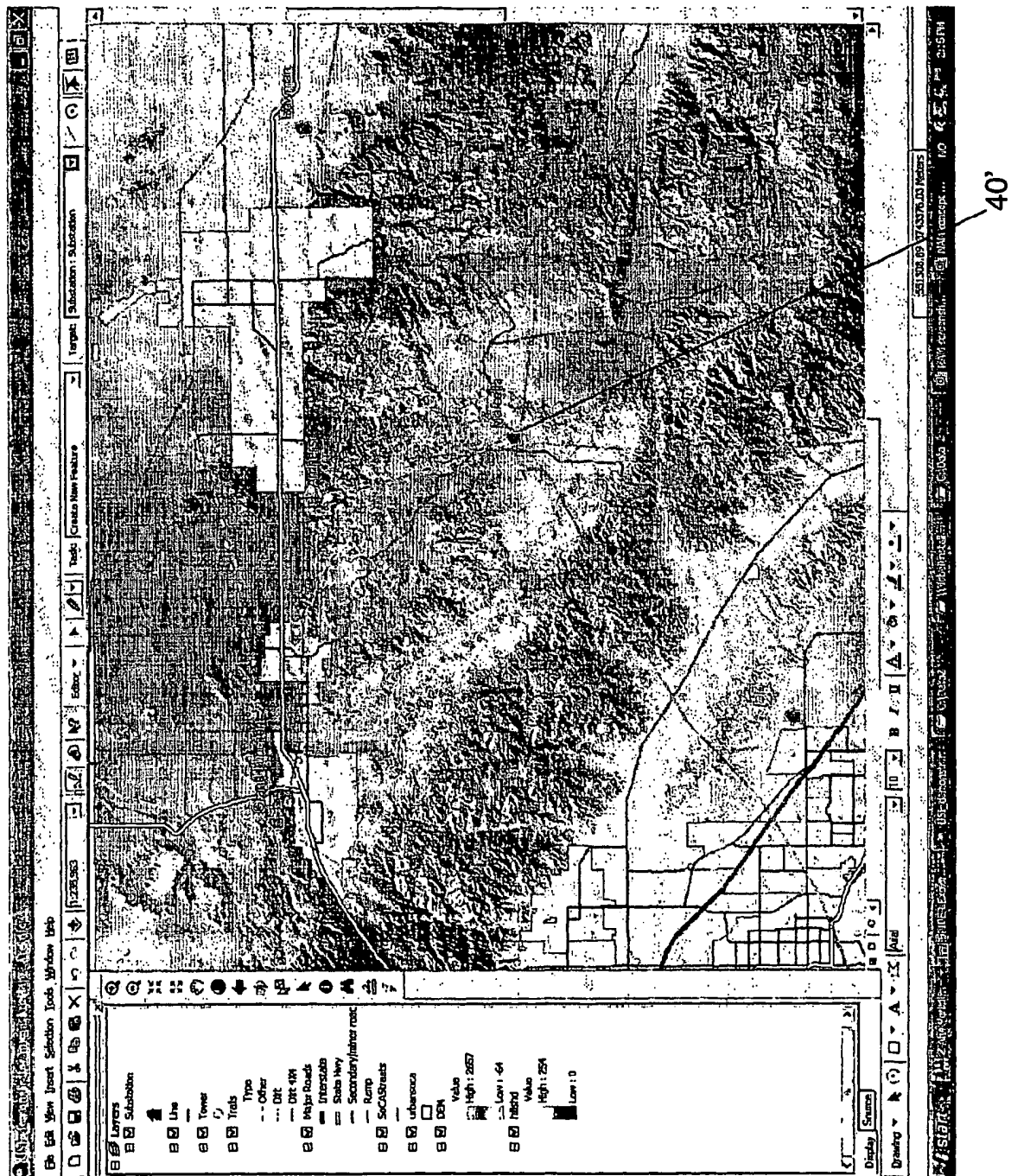


Figure 8

SUBSTITUTE SHEET (RULE 26)

9/19

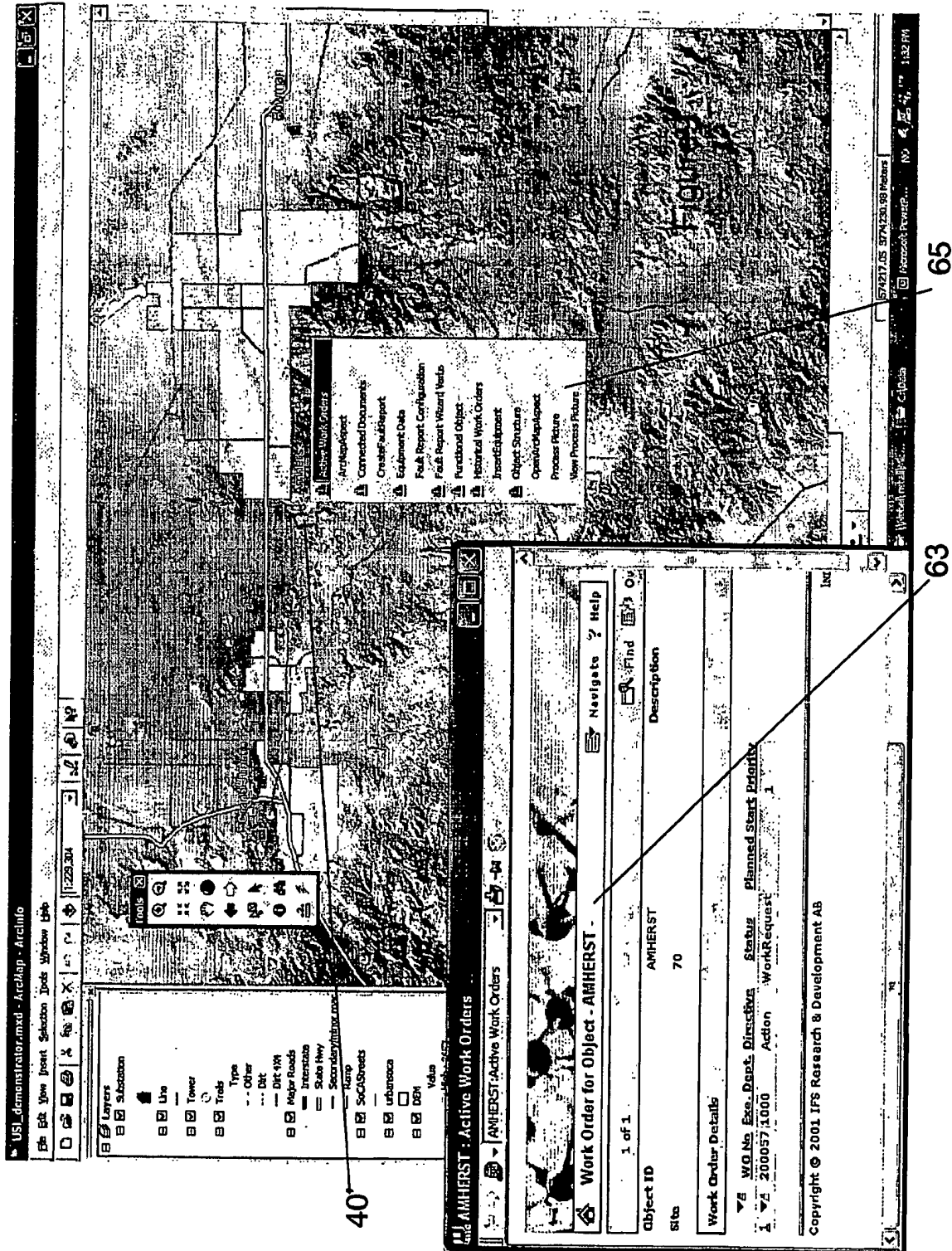


Figure 9
SUBSTITUTE SHEET (RULE 26)

10/19

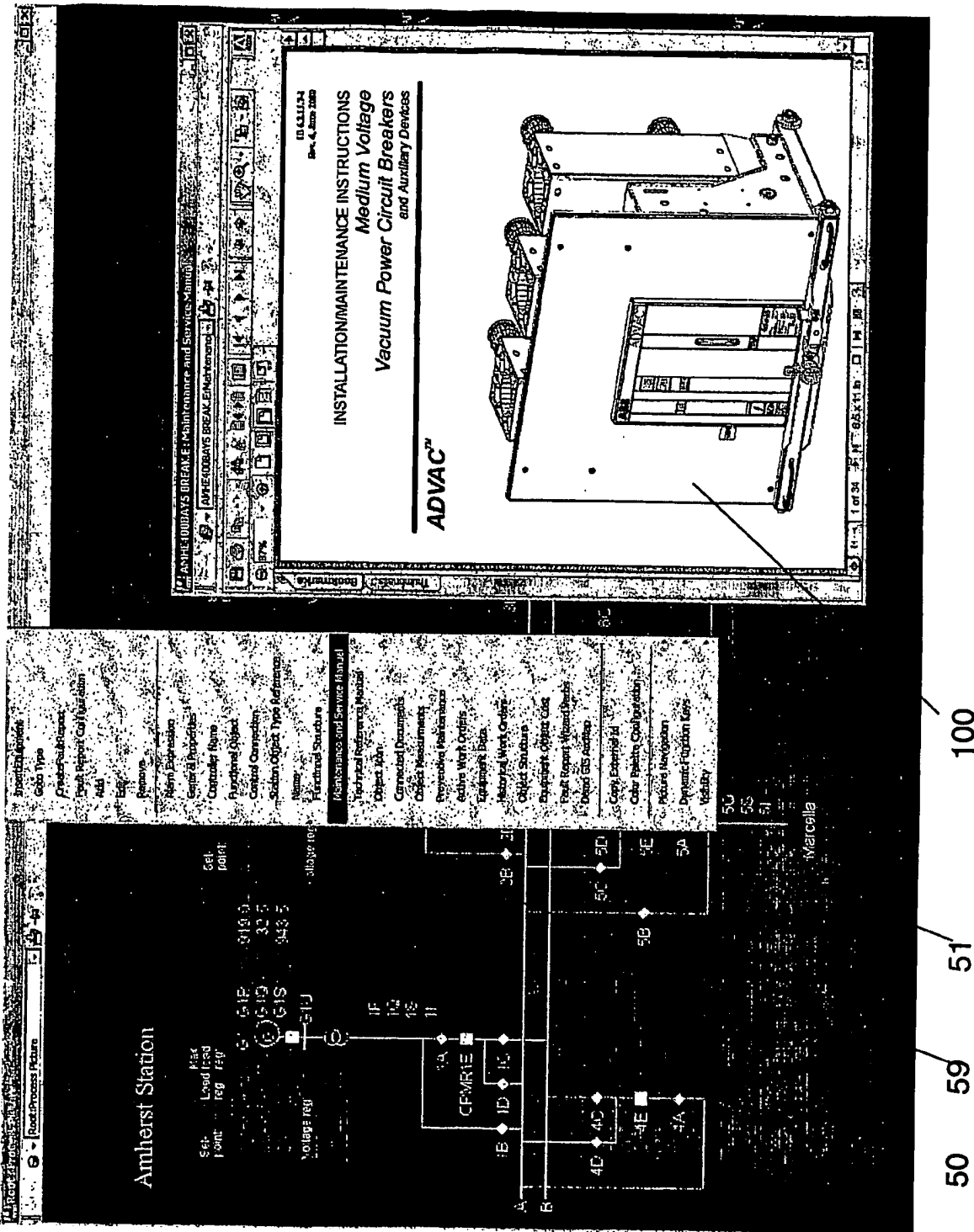


Figure 10

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11/19

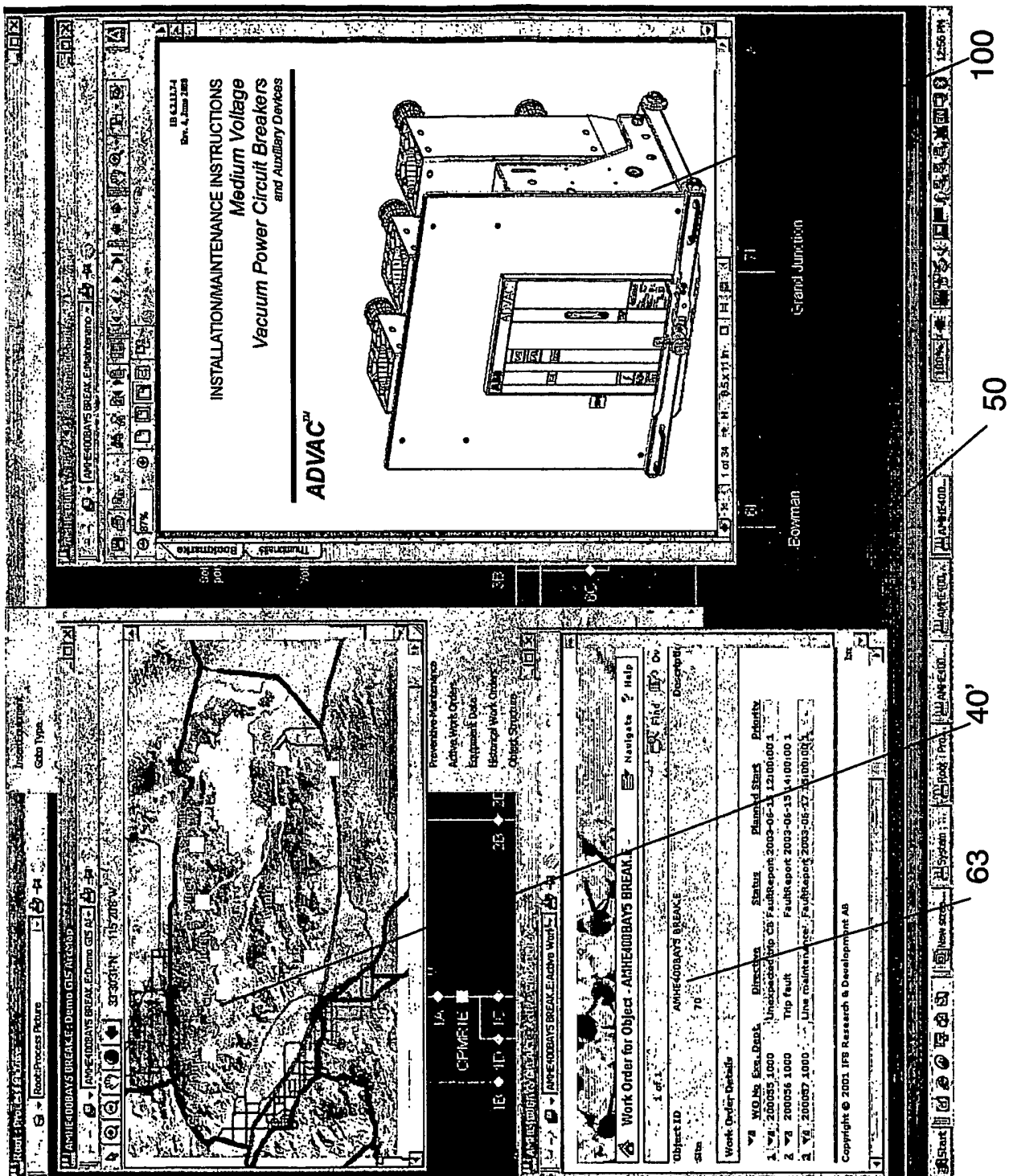


Figure 11

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12/19

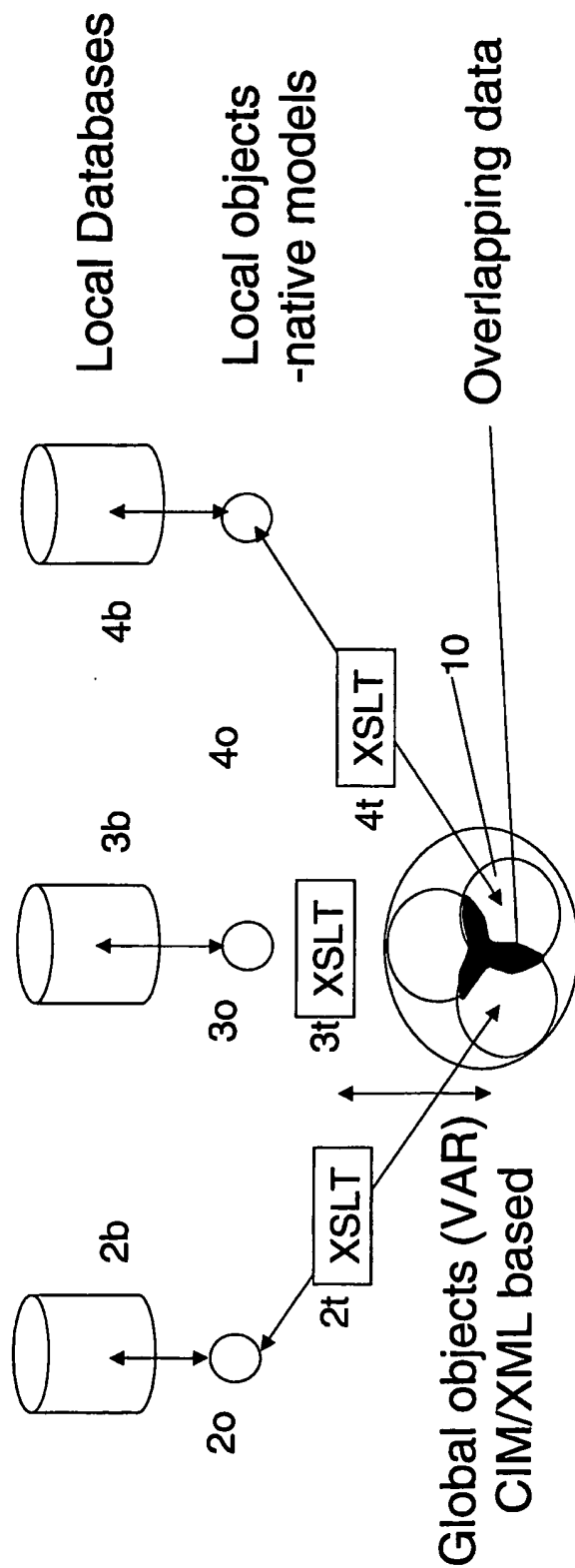


Figure 12

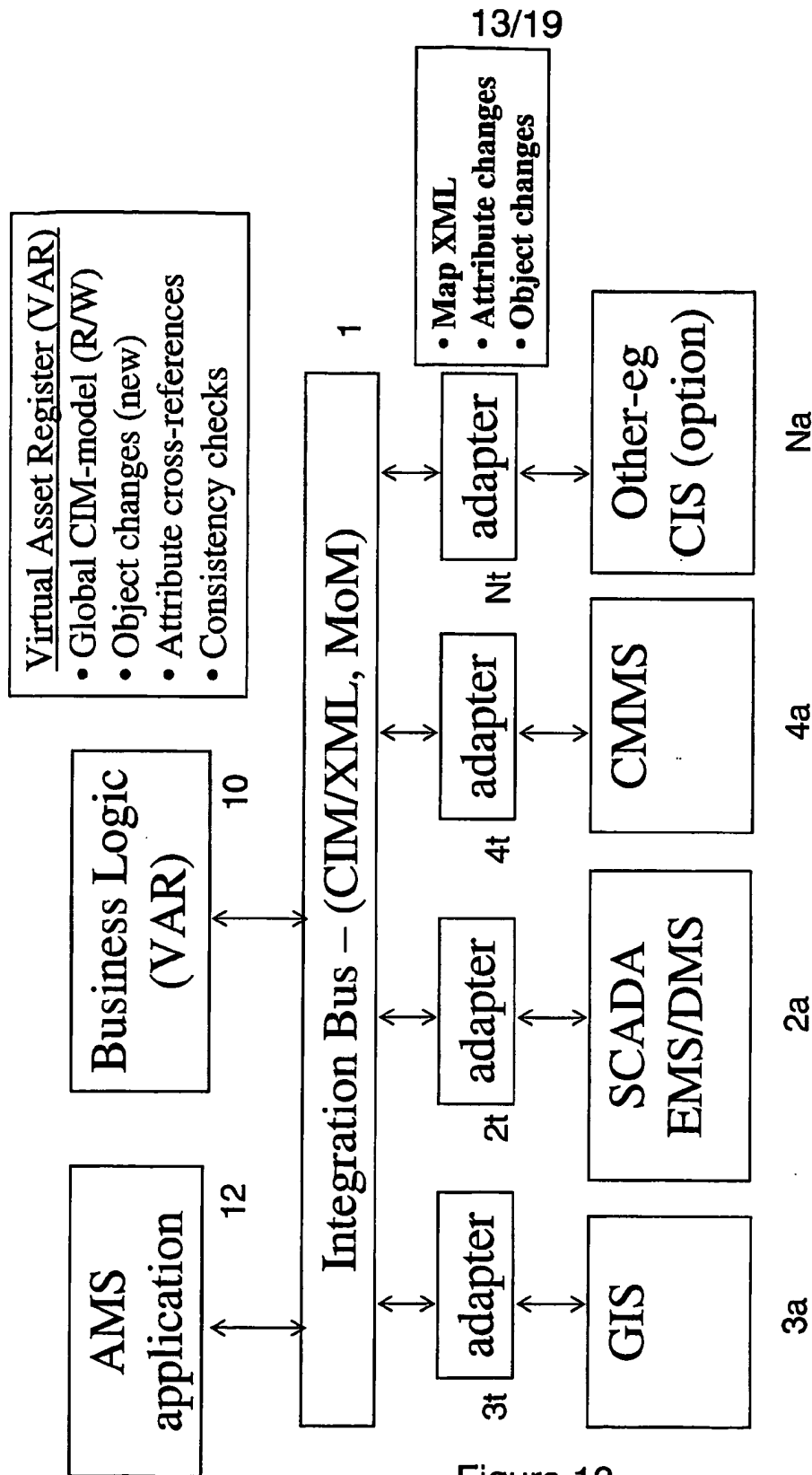


Figure 13

14/19

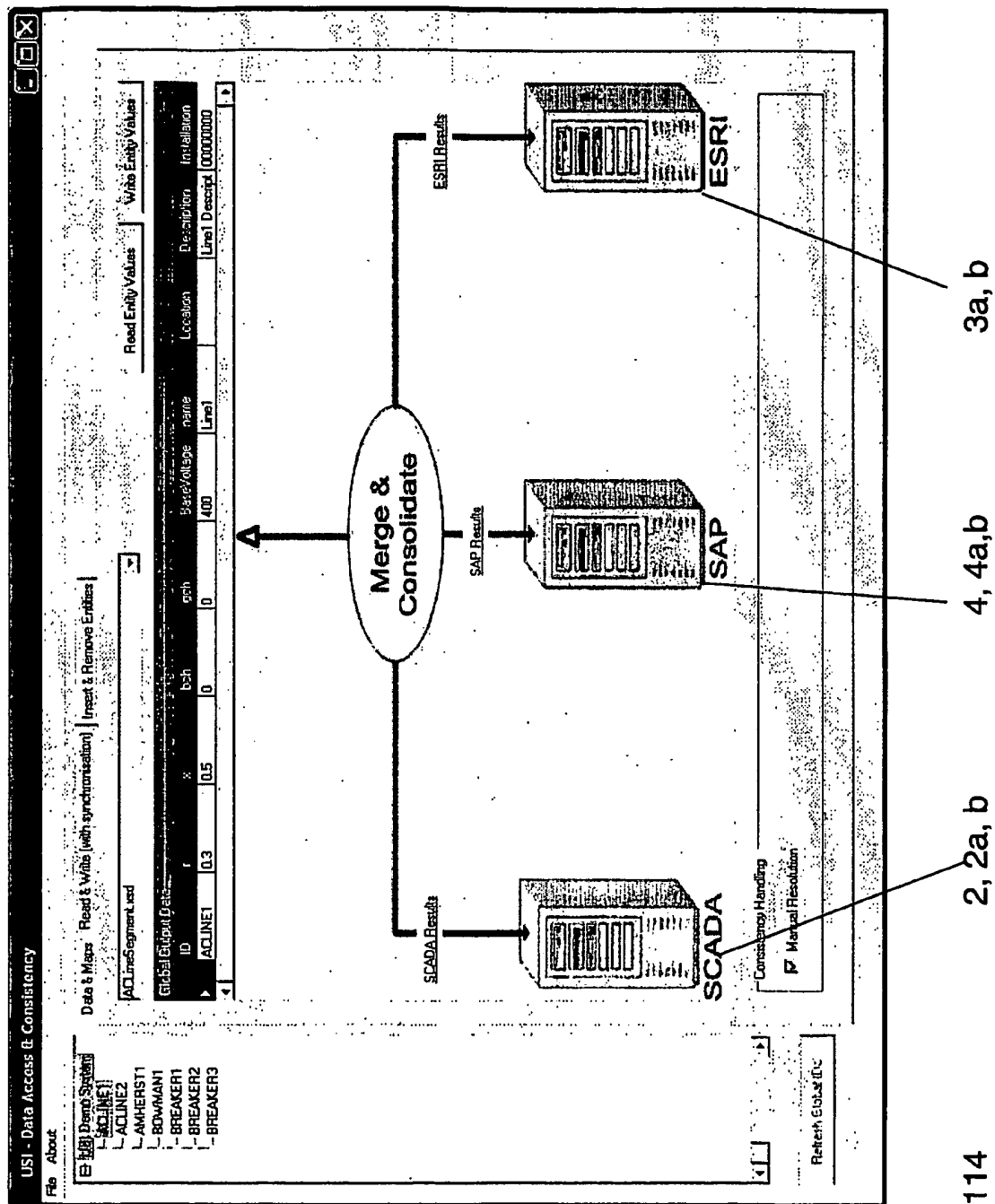


Figure 14

15/19

Mapping between local and global (CIM) data models

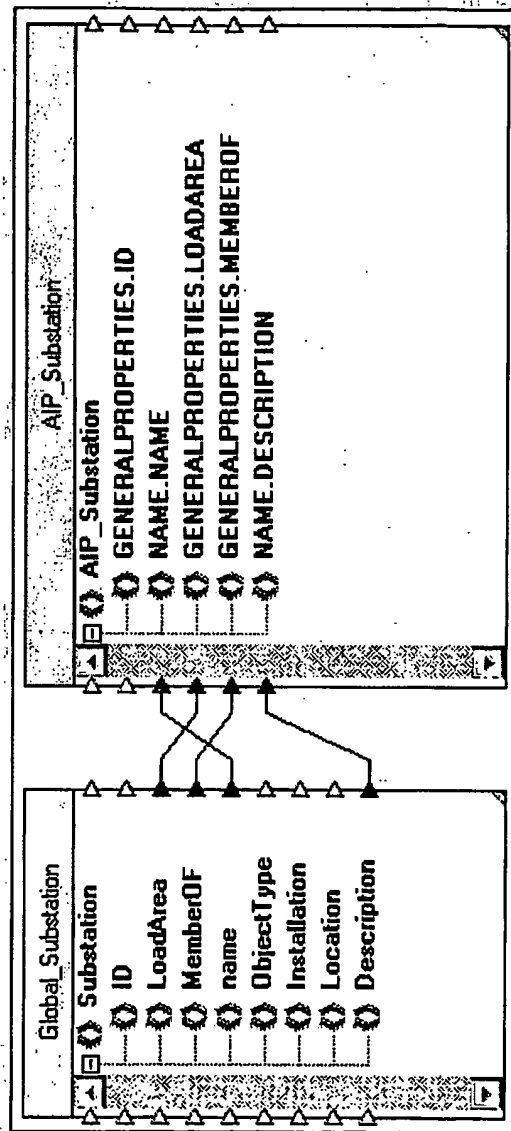


Figure 15

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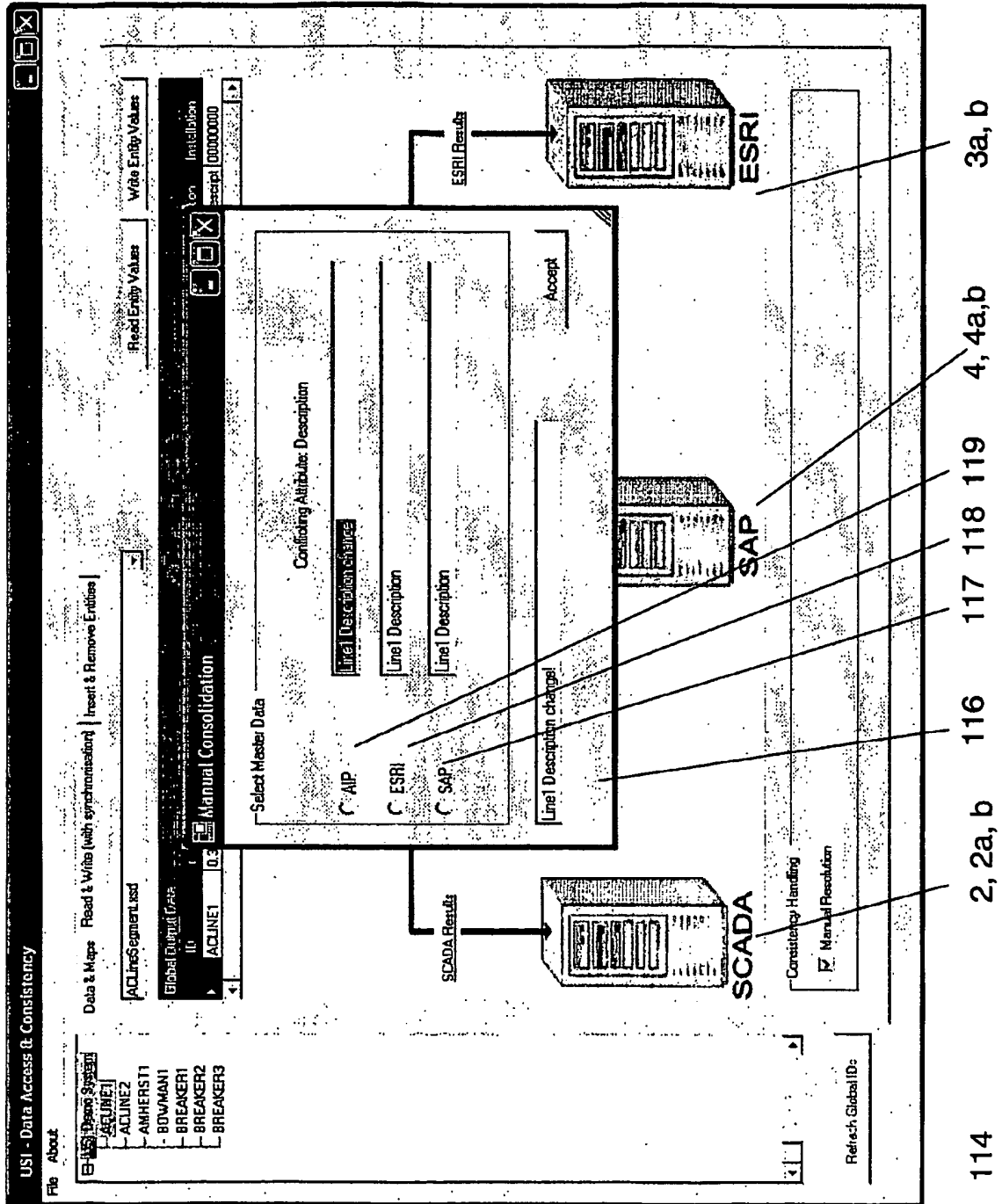


Figure 16

17/19

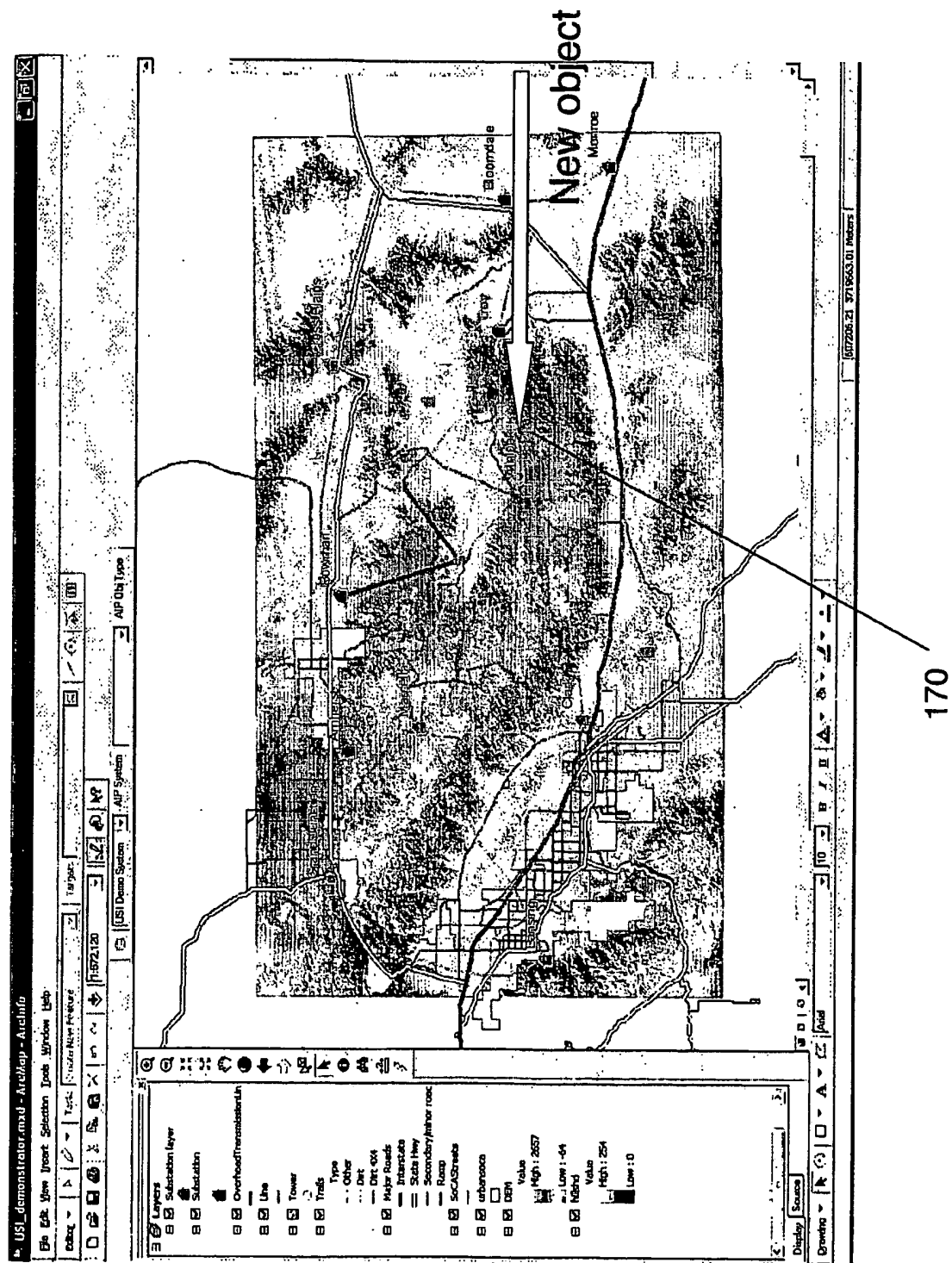


Figure 17

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18/19

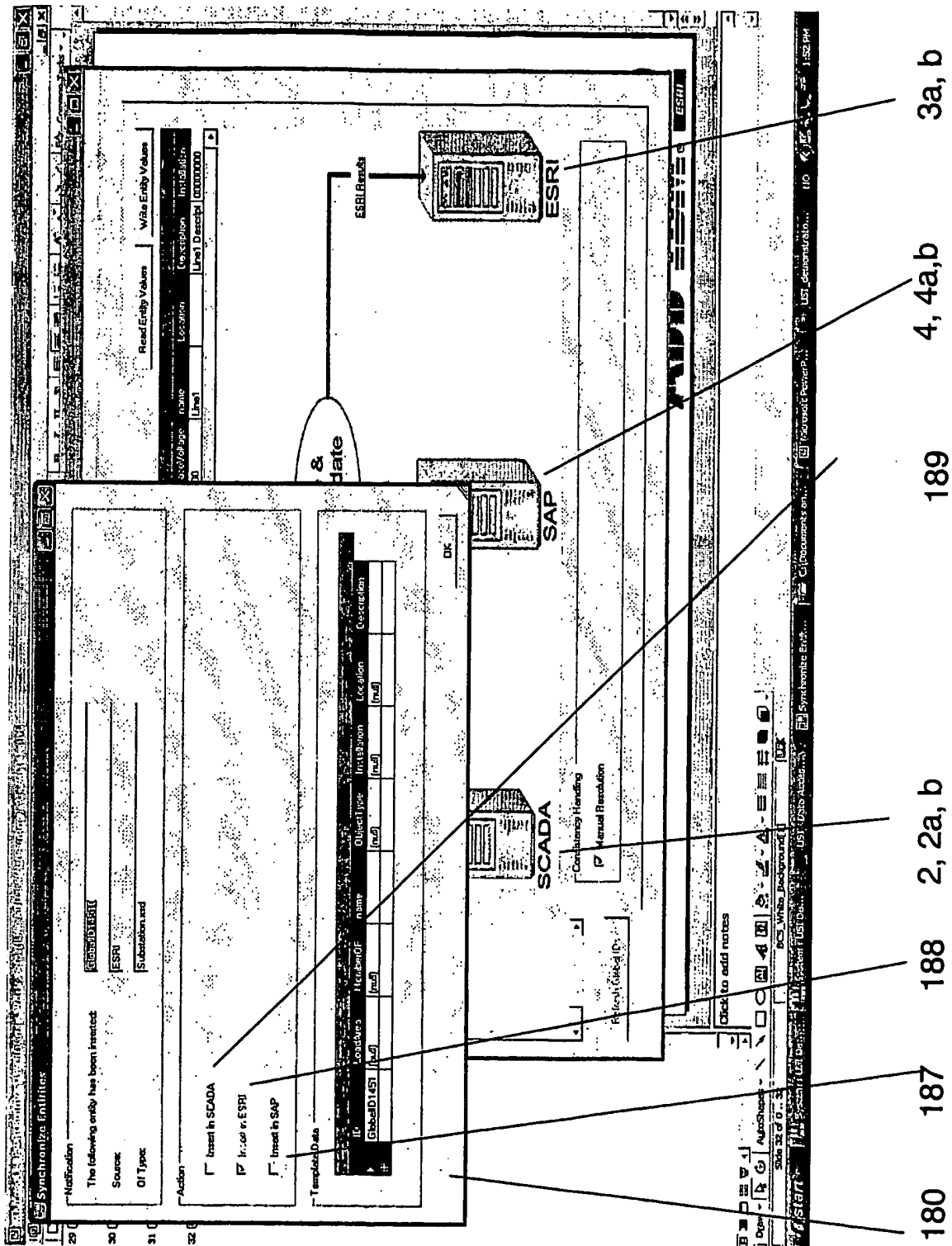


Figure 18

SUBSTITUTE SHEET (RULE 26)

19/19

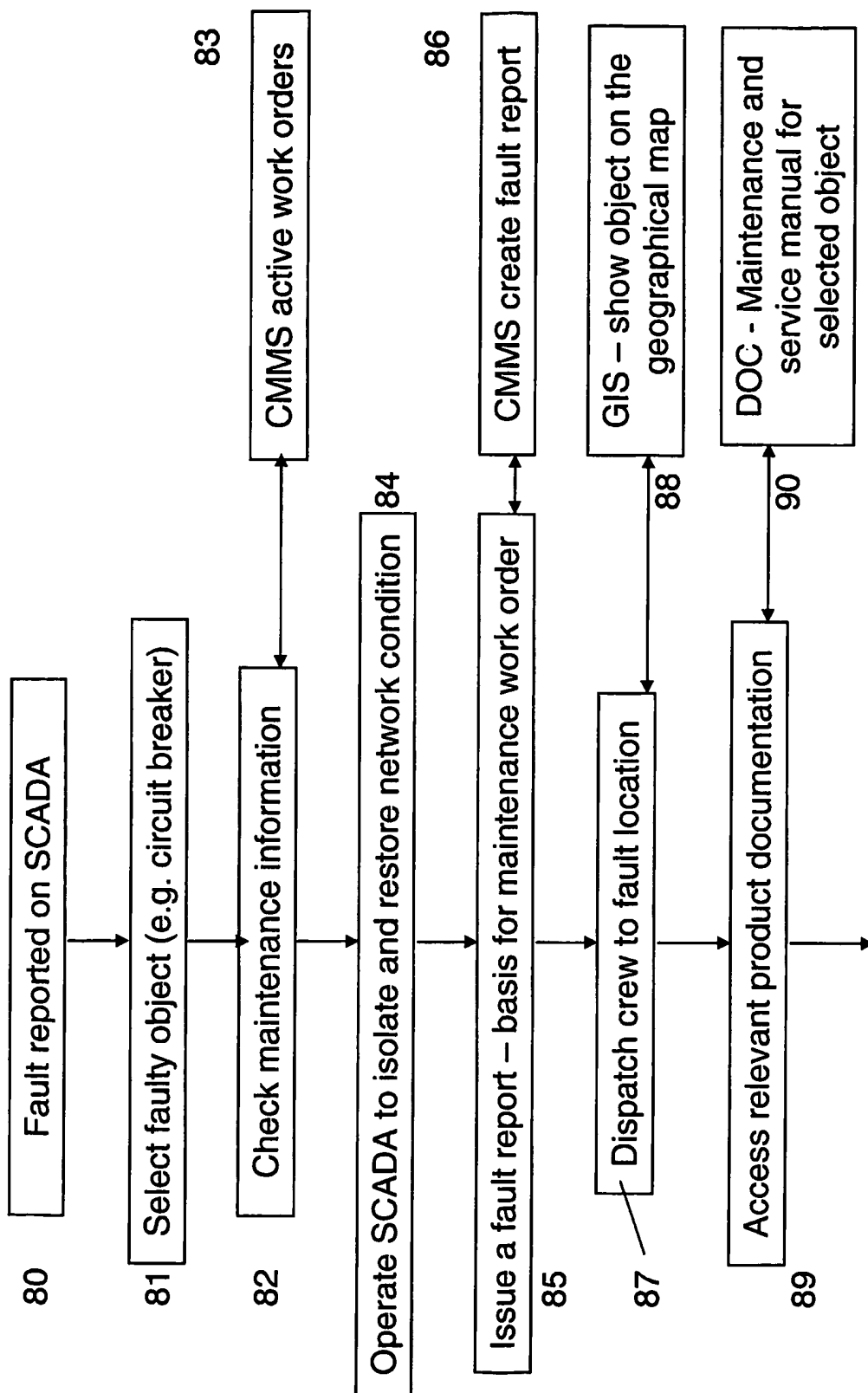


Figure 19

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